



Crop Weather Report

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For the Week Ending:
April 8, 2007

Agricultural Summary

For the week ending April 8, 2007, Montana received moderate amounts of precipitation. Livingston had the highest amount of accumulated moisture for the week at 1.24 inches. On April 3, Harlem experienced 3.5 inches of snowfall, breaking the old record of 3.2 inches for that date in 2003. Temperatures varied widely across the state. Superior reached 68 degrees, the high temperature for the week, and Gold Butte had the low temperature of 2 degrees. Topsoil moisture adequate and surplus is 82 percent, which is higher than last year's 79 percent and last week's 80 percent. Subsoil moisture adequate and surplus at 59 percent is better than last year's and last week's ratings which were both 56 percent.

The weather outlook for April 16 through the 22 is for above normal temperatures and below normal precipitation east of the continental divide and for above normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in the state are for highs in the mid 40s to the upper 50s and for lows in the upper teens to the lower 30s.

Field Crops Report

Much needed moisture received during the week has slowed most spring field work. Cooler temperatures have slowed winter wheat development, but the condition of the crop remains above last year and the five-year average. Winter wheat good and excellent is 68 percent, above last year's 49 percent and the five-year average of 40 percent.

Soil Moisture and Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	3	2	3	15
Short	15	18	18	28
Adequate	70	71	71	52
Surplus	12	9	8	5
Subsoil Moisture				
Very Short	10	10	11	31
Short	31	34	33	34
Adequate	55	53	53	33
Surplus	4	3	3	2
Days Suitable for Fieldwork				
Days	1.4	2.8	1.7	3.3
Field Tillage Work in Progress				
None	72	74	81	71
Just Started	19	20	13	18
Well Underway	9	6	6	11

According to the NRCS, March mountain precipitation statewide was 66 percent of average. As of April 1, mountain snow water contents statewide were 70 percent of average and 70 percent of last year. About 95 percent of the mountain snowfall season was complete on April 1. Rain will be necessary to keep rivers and streams from having critically low flows.

Livestock Report

Range and pasture feed condition rated good and excellent is 34 percent compared with last week's 38 percent and last year's 37 percent. Seventy-two percent of pastures are open for livestock grazing, despite the recent snowfall in the state.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat – Spring Stages				
Still Dormant	12	13	18	24
Greening	40	39	52	46
Greening and Growing	48	48	30	30
Spring Wheat				
Planted	5	4	2	3
Barley				
Planted	10	9	7	10
Oats				
Planted	3	2	2	3

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	1	0	1	8
Poor	4	3	6	13
Fair	27	27	44	39
Good	54	57	42	34
Excellent	14	13	7	6

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	3	2	1	3
Poor	19	18	12	22
Fair	44	42	50	37
Good	30	29	30	25
Excellent	4	9	7	13
Receiving Supplemental Feed				
Cattle & Calves	87	89	88	87
Sheep & Lambs	88	91	92	90
Livestock Grazing				
Open	72	70	85	75
Difficult	16	15	8	9
Closed	12	15	7	16
Livestock Calving				
Calving Complete	71	62	75	71
Lambing Complete	47	39	52	49

Weather Information for the Week ending 04/08/2007

Station ID	Precipitation												
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	66	21	41	0	-1	0.04	-0.17	0.05	-0.19	21	10.66	+4.71	179
Anaconda	61	13	37	0	+0	0.32	+0.06	0.40	+0.11	138	6.52	+1.94	142
Clinton	65	24	41	0	-1	0.00	-0.21	0.13	-0.11	54	8.85	+2.90	149
Corvallis	67	18	43	0	-2	0.00	-0.21	0.01	-0.23	4	2.85	-3.12	48
Creston	64	22	39	0	+0	0.04	-0.24	0.07	-0.25	22	4.72	-3.85	55
Deer Lodge	63	17	37	0	+0	0.17	+0.03	0.18	+0.02	113	3.44	+0.41	114
Drummond	67	16	40	0	+0	0.06	-0.15	0.16	-0.08	67	3.90	-1.20	76
Hamilton	67	19	43	0	-2	0.00	-0.21	0.16	-0.08	67	4.14	-1.83	69
Kalispell	60	22	40	0	+0	0.10	-0.11	0.14	-0.10	58	6.04	-1.75	78
Missoula	64	23	43	0	-1	0.06	-0.15	0.07	-0.17	29	5.57	-0.38	94
Olney	59	17	35	0	+0	0.00	-0.28	0.03	-0.29	9	11.73	-0.94	93
Polson	64	23	39	0	-5	0.01	-0.25	0.12	-0.18	40	4.97	-1.94	72
St Ignatius	66	27	41	0	-7	0.17	-0.11	0.26	-0.06	81	5.61	-0.95	86
Seeley Lake	65	19	39	0	+0	0.15	-0.13	0.18	-0.15	55	10.72	-1.90	85
Sula	64	18	41	0	+0	0.04	-0.24	0.10	-0.21	32	5.48	-1.12	83
Superior	68	21	43	0	-7	0.12	-0.16	0.13	-0.19	41	9.94	+1.05	112
Swan Lake	61	21	37	0	+0	0.16	-0.19	0.37	-0.04	90	16.12	-0.35	98
Thompson Falls	66	23	41	1	-6	0.11	-0.24	0.21	-0.19	53	17.74	+3.53	125
West Glacier	63	22	38	0	+0	0.13	-0.22	0.26	-0.14	65	17.11	+0.87	105
NORTH CENTRAL													
Chester	56	13	29	0	-7	0.41	+0.27	0.42	+0.26	263	4.16	+1.59	162
Chinook	42	11	27	0	-9	0.41	+0.21	0.46	+0.24	209	4.25	+1.29	144
Choteau	66	7	28	0	-8	0.19	+0.05	0.21	+0.05	131	1.92	-0.21	90
Cut Bank	44	13	26	0	-7	0.01	-0.13	0.01	-0.15	6	0.49	-2.00	20
Ft Assinniboine	41	10	27	0	-10	0.39	+0.21	0.49	+0.29	245	4.00	+0.78	124
Fort Benton	44	15	30	0	-14	0.63	+0.42	0.73	+0.49	304	5.06	+0.70	116
Goldbutte	57	2	25	0	-7	0.40	+0.25	0.48	+0.31	282	4.60	+1.68	158
Harlem	51	10	28	0	-7	0.50	+0.36	0.51	+0.35	319	3.52	+0.75	127
Havre	40	8	28	0	-7	0.39	+0.20	0.42	+0.21	200	3.81	+0.61	119
Malta	47	11	30	0	-7	0.01	-0.13	0.01	-0.15	6	2.79	+0.00	100
Rudyard	41	5	25	0	-13	0.80	+0.66	0.80	+0.64	500	4.11	+0.57	116
Shelby	59	15	28	0	-7	0.27	+0.13	0.27	+0.11	169	3.67	+1.14	145
Turner	45	3	27	0	-7	0.14	+0.00	0.16	+0.00	100	1.99	-0.80	71
Valier	64	10	28	0	-7	0.39	+0.25	0.41	+0.25	256	2.35	-0.18	93
NORTHEAST													
Bredette	39	7	23	0	-7	0.00	-0.14	0.00	-0.16	0	3.03	+0.58	124
Culbertson	42	8	26	0	-7	0.01	-0.20	0.01	-0.22	4	3.32	+0.36	112
Glasgow	45	11	29	0	-7	0.02	-0.10	0.02	-0.11	15	2.13	-0.32	87
Glendive	46	15	27	0	-9	0.27	+0.06	0.27	+0.03	113	3.58	+0.36	111
Jordan	48	15	30	0	-11	0.30	+0.09	0.30	+0.06	125	2.61	-0.62	81
Nashua	47	9	30	0	-7	0.05	-0.07	0.05	-0.08	38	2.57	+0.12	105
Opheim	41	4	23	0	-4	0.00	-0.07	0.00	-0.08	0	1.99	-0.12	94
Plentywood	41	7	24	0	-7	0.00	-0.14	0.00	-0.16	0	2.34	-0.17	93
St Marie	41	12	27	0	-7	0.00	-0.12	0.00	-0.13	0	1.52	-0.93	62
Scobey	42	8	26	0	-7	0.00	-0.14	0.00	-0.16	0	2.32	-0.13	95
Sidney	44	13	26	0	-7	0.21	+0.00	0.21	-0.03	88	2.84	-0.54	84
Wolf Point	47	8	27	0	-7	0.00	-0.28	0.00	-0.31	0	1.65	-2.09	44
CENTRAL													
Cascade	63	14	30	0	-2	0.28	+0.07	0.39	+0.15	163	4.44	+0.45	111
Grass Range	46	11	27	0	-7	0.89	+0.66	0.92	+0.66	354	6.85	+2.41	154
Great Falls	44	16	30	0	-7	0.49	+0.21	0.49	+0.17	153	5.08	-0.11	98
Harlowton	51	10	25	0	-7	0.84	+0.70	0.84	+0.68	525	5.53	+1.98	156
Helena	55	21	37	0	-7	0.06	-0.15	0.06	-0.18	25	3.17	-0.51	86
Lewistown	39	14	26	0	-4	0.41	+0.20	0.41	+0.17	171	5.68	+0.07	101
Martinsdale	45	7	26	0	-6	0.83	+0.69	0.83	+0.67	519	4.50	+1.01	129
Neihart	57	10	31	0	-4	0.58	+0.30	0.58	+0.26	181	9.98	+3.17	147
Rogers Pass	53	14	28	0	-7	0.20	+0.00	0.20	-0.02	91	4.85	+1.34	138
Roundup	53	15	30	0	-12	0.67	+0.52	0.82	+0.65	482	5.27	+2.07	165
Ryegate	50	3	24	0	+0	0.91	+0.77	0.91	+0.75	569	5.23	+1.93	158
Stanford	45	9	25	0	-7	0.94	+0.73	0.98	+0.74	408	5.68	+1.21	127
Townsend	60	18	36	0	-10	0.17	+0.03	0.35	+0.19	219	3.32	+0.30	110
Valentine	42	18	28	0	-7	0.37	+0.17	0.40	+0.18	182	4.84	+1.26	135
Wt Sulphur Spr	57	6	30	0	-1	0.36	+0.15	0.44	+0.20	183	3.33	-2.51	57
SOUTHWEST													
Boulder	59	15	34	0	-2	0.13	-0.01	0.14	-0.02	88	3.34	+0.07	102
Bozeman	60	19	36	0	-7	0.66	+0.31	1.15	+0.75	288	11.63	+4.74	169
Butte	52	18	37	0	+0	0.16	-0.01	0.20	+0.00	100	4.15	+0.61	117
Dillon	56	23	38	0	-3	0.23	+0.08	0.24	+0.07	141	3.69	+1.22	149
Ennis	54	17	37	0	-6	0.22	+0.01	0.27	+0.03	113	5.72	+1.95	152
Lakeview	60	16	40	0	+0	0.25	-0.13	0.32	-0.12	73	7.18	-1.36	84
W Yellowstone	51	3	33	0	+0	0.41	+0.06	0.41	+0.01	103	7.35	-4.24	63
Wisdom	60	17	37	0	+0	0.16	+0.02	0.23	+0.07	144	6.07	+2.12	154
SOUTH CENTRAL													
Billings	48	17	30	0	-7	0.80	+0.45	0.89	+0.49	223	6.73	+0.86	115
Cooke City	51	15	32	0	+0	0.49	+0.09	0.70	+0.24	152	6.59	-5.69	54
Gardiner	63	19	39	0	-7	0.12	+0.01	0.12	-0.01	92	3.94	+0.36	110
Hardin	48	19	34	0	-7	0.18	-0.17	0.18	-0.22	45	5.56	-0.34	94
Huntley	55	16	31	0	-7	0.94	+0.66	1.05	+0.73	328	5.84	+1.34	130
Hysham	49	19	33	0	-10	1.06	+0.83	1.06	+0.80	408	6.25	+2.35	160
Joliet	49	19	31	0	-7	0.89	+0.54	1.06	+0.66	265	6.93	+1.27	122
Livingston	51	18	29	0	-7	1.24	+0.98	1.39	+1.10	479	7.46	+2.74	158
Nye	51	21	31	0	-7	0.65	+0.39	1.08	+0.79	372	6.30	+1.58	133
Rapelje	51	14	28	0	-7	0.81	+0.55	1.08	+0.78	360	5.46	+0.30	106
SOUTHEAST													
Albion	47	5	26	0	-6	0.23	-0.03	0.23	-0.06	79	4.60	+1.07	130
Baker	45	11	25	0	-7	0.29	+0.02	0.29	-0.01	97	3.90	+0.10	103
Broadus	47	13	30	0	-7	0.12	-0.16	0.12	-0.20	38	4.47	+0.20	105
Ekalaka	41	4	24	0	-7	0.34	+0.03	0.34	-0.01	97	5.84	+1.47	134
Miles City	44	16	30	0	-7	0.31	+0.06	0.31	+0.03	111	3.11	-0.87	78
Plevna	41	10	25	0	-7	0.28	+0.01	0.28	-0.02	93	4.63	+0.83	122

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days